Day : Monday Date: 7/24/2006

Time: 16:56:38

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Inventor Information for 09/695357

Inventor Name	City	State/Country
BALACHANDRAN, KUMAR	CARY	NORTH CAROLINA
RAMESH, RAJARAM	CARY	NORTH CAROLINA
Apple Info Contents Petition Info	Atty/Agent Info	Continuity/Reexam Foreign
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Inventor Name Search Result

Your Search was:

Last Name = BALACHANDRAN

First Name = KUMAR

		[a.			
Application#	Patent#	Status	Date Filed	Title	Inventor Name
08121339	<u>5574750</u>	150	09/14/1993	METHODS AND APPARATUS FOR DETECTING CELLULAR DIGITAL PACKET DATA (CDPD)	BALACHANDRAN, KUMAR
08150728	5481571	150	11/12/1993	METHOD AND APPARATUS FOR SWITCHING BETWEEN RADIO FREQUENCY CIRCUITS	BALACHANDRAN, KUMAR
08152005	5544222	150	11/12/1993	CELLULAR DIGITAL PACKET DATA MOBILE DATA BASE STATION	BALACHANDRAN, KUMAR
08288284	Not Issued	166	08/09/1994	METHOD AND APPARATUS FOR EFFICIENT HANDOFFS BY MOBILE COMMUNICATION ENTITIES	BALACHANDRAN, KUMAR
08408644	5832384	150	03/22/1995	METHOD AND APPARATUS FOR FREQUENCY AGILITY IN A COMMUNICATION SYSTEM	BALACHANDRAN, KUMAR
<u>08424706</u>	5719902	150	04/18/1995	METHODS AND APPARATUS FOR DETECTING CELLULAR DIGITAL PACKET DATA (CDPD)	BALACHANDRAN, KUMAR
08533152	Not Issued	164		METHOD AND APPARATUS FOR CONTROLLING WIRELESS SUBSCRIBER STATIONS SUBJECT TO POWER CONSUMPTION CONSTRAINTS IN MOBILE PACKET DATA COMMUNICATION SYSTEM	BALACHANDRAN, KUMAR

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08534792	5696760	150	09/27/1995	TEMPORARY EQUIPMENT IDENTIFIER MESSAGE RESPONSE CONTROL METHOD	BALACHANDRAN, KUMAR
08534855	6694146	150	09/27/1995	METHOD FOR REDUCING TIME REQUIRED TO RECEIVE AND DECODE A TEMPORARY EQUIPMENT IDENTIFIER MESSAGE	BALACHANDRAN, KUMAR
08587685	6122527	150	01/17/1996	CELLULAR DIGITAL PACKET DATA MOBILE DATA BASE STATION	BALACHANDRAN, KUMAR
08614327	5854808	150	03/12/1996	METHODS AND APPARATUS FOR DETECTING THE PRESENCE OF A PRESCRIBED SIGNAL IN A CHANNEL OF A COMMUNICATIONS SYSTEM	BALACHANDRAN, KUMAR
08623873	5950114	150	03/29/1996		BALACHANDRAN, KUMAR
08626182	5918174	150	03/29/1996	CIRCUITRY AND METHOD FOR INITIATING COMMUNICATION BETWEEN COMMUNICATION STATIONS OF A RADIO COMMUNICATION SYSTEM	BALACHANDRAN, KUMAR
08627675	5594943	150	04/02/1996	METHOD AND APPARATUS FOR EFFICIENT HANDOFFS BY MOBILE COMMUNICATION ENTITIES	BALACHANDRAN, KUMAR
08699101	5968198	150	08/16/1996	DECODER UTILIZING SOFT INFORMATION OUTPUT TO MINIMIZE ERROR RATES	BALACHANDRAN, KUMAR
08728158	5838267	150	10/09/1996	METHOD AND APPARATUS FOR ENCODING AND DECODING DIGITAL INFORMATION	BALACHANDRAN, KUMAR
08759614	5936978	150		SHORTENED FIRE CODE ERROR-TRAPPING	BALACHANDRAN, KUMAR

				DECODING METHOD AND APPARATUS	
08760417	5881105	150	12/03/1996	SYSTEM AND METHOD FOR THE NON-SEQUENTIAL TRANSMISSION OF CONTROL SIGNALS WITHIN A SPEECH TRANSMISSION	BALACHANDRAN, KUMAR
<u>08764672</u>	5933763	150	12/11/1996	CIRCUITRY AND METHOD FOR IMPROVED SIGNAL RECEPTION ACKNOWLEDGMENT IN A RADIO COMMUNICATION SYSTEM	BALACHANDRAN, KUMAR
08968933	Not Issued	163	11/12/1997	METHOD AND APPARATUS FOR INCREASING TRAFFIC CHANNELS WITHIN AN AMPS/IS-136 CELLULAR SYSTEM	BALACHANDRAN, KUMAR
09034424	6115394	150	03/04/1998	METHODS, APPARATUS AND COMPUTER PROGRAM PRODUCTS FOR PACKET TRANSPORT OVER WIRELESS COMMUNICATION LINKS	BALACHANDRAN, KUMAR
09054839	6014548	150		METHOD AND APPARATUS FOR FACILITATING DETECTION OF A SYNCHRONIZATION SIGNAL GENERATED BY A SATELLITE COMMUNICATION NETWORK	BALACHANDRAN, KUMAR
<u>09065708</u>	6163571	150	04/24/1998	METHOD FOR MEASURING RECEIVED SIGNAL QUALITY IN A MOBILE WIRELESS COMMUNICATION SYSTEM	BALACHANDRAN, KUMAR
<u>09158996</u>	6490314	150	09/23/1998	METHOD FOR OVERLAY OF NARROWBAND AND WIDEBAND COMMUNICATION SYSTEMS	BALACHANDRAN, KUMAR
<u>09201651</u>	6366624	150		SYSTEMS AND METHODS FOR RECEIVING A MODULATED SIGNAL CONTAINING ENCODED	BALACHANDRAN, KUMAR

				AND UNENCODED BITS USING MULTI-PASS DEMODULATION	
09248506	6483828	150	02/10/1999	SYSTEM AND METHOD FOR CODING IN A TELECOMMUNICATIONS ENVIRONMENT USING ORTHOGONAL & NEAR- ORTHOGONAL CODES	BALACHANDRAN, KUMAR
09259964	6324268	150	03/01/1999	SPLITTER-LESS DIGITAL SUBSCRIBER LOOP MODEMS WITH IMPROVED THROUGHPUT AND VOICE AND DATA SEPARATION	BALACHANDRAN, KUMAR
09264766	Not Issued	163	03/09/1999	SYSTEMS AND METHODS FOR COMMUNICATING MESSAGES TO DISADVANTAGED MOBILE USER TERMINALS	BALACHANDRAN, KUMAR
09384111	6463450	150	08/26/1999	METHOD AND APPARATUS FOR THE LOCATION OF THE PEAK OF A FUNCTION USING A FILTER BANK	
<u>09396145</u>	6608828	150	09/15/1999	METHODS AND SYSTEMS FOR DECODING HEADERS THAT ARE REPEATEDLY TRANSMITTED AND RECEIVED ALONG WITH DATA ON A RADIO CHANNEL	BALACHANDRAN, KUMAR
09396990	Not Issued	161	09/15/1999	METHODS AND SYSTEMS FOR SPECIFYING A QUALITY OF SERVICE FOR COMMUNICATION BETWEEN A MOBILE STATION AND A PACKET WIRELESS COMMUNICATIONS NETWORK BASED UPON AN APPLICATION THAT IS EXECUTING ON THE MOBILE STATION	BALACHANDRAN, KUMAR
09548891	Not Issued	161			BALACHANDRAN, KUMAR
09568452	6898195	150	05/09/2000	METHOD AND APPARATUS	BALACHANDRAN, KUMAR

				CONVERSATIONAL SERVICES IN A PACKET SWITCHED RADIO ACCESS NETWORK	
09597133	Not Issued	161	06/20/2000	Rapid handover of a mobile station between radio network controllers accessing an enhanced general packet radio service (EGPRS) network and a Radio Access Network therefor	BALACHANDRAN, KUMAR
09633847	Not Issued	41	08/07/2000	Methods and apparatus for providing normal and high-penetration wireless communications services	BALACHANDRAN, KUMAR
09695357	Not Issued	80	10/24/2000	Systems, methods, and computer program products for providing traffic frequency diversification in a cellular communication system	BALACHANDRAN, KUMAR
10177205	Not Issued	41	06/21/2002	Methods and systems for provision of streaming data services in an internet protocol network	BALACHANDRAN, KUMAR
10462981	Not Issued	30	06/17/2003	System and method for locating a wireless local area network	BALACHANDRAN, KUMAR
10795568	Not Issued	31	03/08/2004	Methods, devices, and computer program products for generating a compressed status report that is updated to indicate later received data	KUMAR
10857320	Not Issued	30	05/27/2004	Mobile-terminal gateway	BALACHANDRAN, KUMAR
11176652	Not Issued	30	07/07/2005	Method and base station controller for handover of simultaneous voice and data sessions	BALACHANDRAN, KUMAR
11380474	Not Issued	30		BROADCAST-CENTRIC CELLULAR COMMUNICATION SYSTEM	BALACHANDRAN, KUMAR
11380476	Not Issued	25	04/27/2006	MOBILE STATION FOR OPERATING IN A BROADCAST-CENTRIC CELLULAR COMMUNICATION SYSTEM	BALACHANDRAN, KUMAR
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<u>11380478</u>	Not Issued	30	04/27/2006	BROADCAST-CENTRIC CELLULAR COMMUNICATION SYSTEM, METHOD, AND MOBILE STATION	BALACHANDRAN, KUMAR
60160240	Not Issued	159	10/18/1999	METHOD OF RAPID HANDOVER OF MOBILE STATIONS BETWEEN RADIO NETWORK CONTROLLERS IN AN ENHANCED GENERAL PACKET RADIO SERVICE NETWORK	BALACHANDRAN, KUMAR
60510578	Not Issued	159	10/10/2003	System and apparatus for a distributed mobile architecture for cellular terminals	BALACHANDRAN, KUMAR
60573973	Not Issued	159	05/24/2004	Method, system and apparatus for enhanced real time services in cellular packet radio	BALACHANDRAN, KUMAR
60691205	Not Issued	159	06/16/2005	Access to a mobile device from another device	BALACHANDRAN, KUMAR
60743133	Not Issued	20	01/17/2006	BROADCAST-CENTRIC CELLULAR COMMUNICATION SYSTEM	BALACHANDRAN, KUMAR

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Last Name = RAMESH First Name = RAJARAM

Application	D-4 411	C4	D (F)	77:41	
Application#					Inventor Name
07939747	5363407	150	09/02/1992	TRANSMITTER OPTIMIZATION FOR SPECTRALLY CONGESTED RADIO COMMUNICATION SYSTEMS	
07975201	5311553	150	06/15/1992	7	RAMESH, RAJARAM
08086797	5600676	150	07/06/1993	MODULATION SCHEME WITH LOW ENVELOPE VARIATION FOR MOBILE RADIO BY CONSTRAINING A MAXIMUM MODULES OF A DIFFERENTIAL PHASE ANGLE	RAMESH, RAJARAM
08086798	5642384	150		TRELLIS CODED MODULATION SCHEME WITH LOW ENVELOPE VARIATION FOR MOBILE RADIO BY CONSTRAINING A MAXIMUM MODULUS OF A DIFFERENTIAL PHASE ANGLE	RAMESH, RAJARAM
<u>08377073</u>	5668820	150	01/23/1995	DIGITAL COMMUNICATION SYSTEM HAVING A PUNCTURED CONVOLUTIONAL CODING SYSTEM AND METHOD	RAMESH, RAJARAM
08402456	Not Issued	166		METHOD AND APPARATUS FOR MOBILE STATION -TO- MOBILE STATION CALLS IN A MOBILE SATELLITE COMMUNICATIONS SYSTEM	RAMESH, RAJARAM
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08574141	<u>5661724</u>	150	12/18/1995	SATELLITE DIVERSITY SCHEME	RAMESH, RAJARAM
08599011	5796780	150	02/09/1996	COHERENT MODULATION OF CPM SIGNALS	RAMESH, RAJARAM
08614317	6035007	150	03/12/1996	EFFECTIVE BYPASS OF ERROR CONTROL DECODER IN A DIGITAL RADIO SYSTEM	RAMESH, RAJARAM
08625010	5838739	150		CHANNEL ESTIMATOR CIRCUITRY, AND ASSOCIATED METHOD, FOR A DIGITAL COMMUNICATION SYSTEM	RAMESH, RAJARAM
08629358	5796726	150	04/08/1996	SYSTEMS AND METHODS FOR RANDOM ACCESS IN TIME DIVISION MULTIPLE ACCESS SATELLITE RADIOTELEPHONE COMMUNICATIONS	RAMESH, RAJARAM
<u>08642056</u>	5910182	150	05/03/1996	DATA COUMMUNICATIONS SYSTEMS AND METHODS USING INTERSPERSED ERROR DETECTION BITS	RAMESH, RAJARAM
08681916	5809141	150		METHOD AND APPARATUS FOR ENABLING MOBILE-TO- MOBILE CALLS IN A COMMUNICATION SYSTEM	RAMESH, RAJARAM
08699101	5968198	150	08/16/1996	DECODER UTILIZING SOFT INFORMATION OUTPUT TO MINIMIZE ERROR RATES	RAMESH, RAJARAM
<u>08710761</u>	5907809	150	09/20/1996	POSITION DETERMINATION USING MULTIPLE BASE STATION SIGNALS	RAMESH, RAJARAM
08728564	5946625	150	10/10/1996	METHOD FOR IMPROVING CO- CHANNEL INTERFERENCE IN A CELLULAR SYSTEM	
08748755	6005887	150	11/14/1996	DESPREADING OF DIRECT SEQUENCE SPREAD SPECTRUM COMMUNICATIONS SIGNALS	RAMESH, RAJARAM
08759614	5936978	150	12/05/1996	SHORTENED FIRE CODE ERROR-TRAPPING DECODING METHOD AND APPARATUS	RAMESH, RAJARAM
08766167	5889827	150	12/12/1996	METHOD AND APPARATUS FOR DIGITAL SYMBOL DETECTION USING MEDIUM RESPONSE ESTIMATES	RAMESH, RAJARAM
08777823	5905743	150			RAMESH, RAJARAM

				PRODUCTS FOR SEQUENTIAL MAXIMUM LIKELIHOOD ESTIMATING COMMUNICATIONS SIGNALS USING WHITENING PATH METRICS	
08802670	6085103	150	02/19/1997	COMPENSATING FOR FADING IN ANALOG AM RADIO SIGNALS	RAMESH, RAJARAM
08803184	5870406	150	02/19/1997	AUTOMATIC REPEAT REQUEST(ARQ) DATA COMMUNICATIONS METHOD AND APPARATUS	RAMESH, RAJARAM
08838027	6518921	150	04/22/1997	CELLULAR POSITIONING SYSTEM THAT COMPENSATES FOR RECEIVED SIGNAL DELAYS IN POSITIONING RADIO RECEIVERS	RAMESH, RAJARAM
08839859	6115596	150	04/22/1997	SYSTEMS AND METHODS FOR HANDLING EMERGENCY CALLS IN HIERARCHICAL CELL STRUCTURES	RAMESH, RAJARAM
08839861	6826394	150	04/22/1997	INTERACTION BETWEEN AN ADJUNCT POSITIONING SYSTEM AND A RADIOCOMMUNICATION SYSTEM	RAMESH, RAJARAM
08839864	6040800	150	04/22/1997	SYSTEMS AND METHODS FOR LOCATING REMOTE TERMINALS IN RADIOCOMMUNICATION SYSTEMS	RAMESH, RAJARAM
08840268	6493322	150	04/14/1997	SATELLITE DIVERSITY SCHEME	RAMESH, RAJARAM
08840590	6374098	150	04/22/1997	SYSTEMS AND METHODS FOR LOCATING REMOTE UNITS OPERATING IN A RADIOCOMMUNICATION SYSTEM USING AN ADJUNCT SYSTEM	RAMESH, RAJARAM
08888938	Not Issued	161		METHOD AND APPARATUS FOR MOBILE STATION TO MOBILE STATION COMMUNICATIONS IN A MOBILE SATELLITE COMMUNICATION SYSTEM	RAMESH, RAJARAM
08899879	<u> 6195399</u>	150	07/24/1997	METHOD AND APPARATUS	RAMESH,

				FOR CONVERTING A WIDEBAND IF SIGNAL TO A COMPLEX (QUADRATURE) BASEBAND SIGNAL	RAJARAM
08901693	6137843	150	07/28/1997	METHODS AND APPARATUS FOR CANCELING ADJACENT CHANNEL SIGNALS IN DIGITAL COMMUNICATIONS SYSTEMS	RAMESH, RAJARAM
08908088	6151484	150	08/08/1997	COMMUNICATIONS APPARATUS AND METHODS FOR ADAPTIVE SIGNAL PROCESSING BASED ON MOBILITY CHARACTERISTICS	RAMESH, RAJARAM
08936507	6078626	150	09/24/1997	METHODS AND SYSTEMS FOR COMMUNICATING INFORMATION USING SEPARABLE MODULATION CONSTELLATIONS	RAMESH, RAJARAM
08948737	6028538	150		METHOD, KEYBOARD AND SYSTEM FOR TRANSMITTING KEY CHARACTERS	RAMESH, RAJARAM
08950690	6070078	150	10/15/1997	REDUCED GLOBAL POSITIONING SYSTEM RECEIVER CODE SHIFT SEARCH SPACE FOR A CELLULAR TELEPHONE SYSTEM	RAMESH, RAJARAM
08963482	6131180	150	11/03/1997	TIME-VARYING TRELLIS CODES	RAMESH, RAJARAM
08968933	Not Issued	163	11/12/1997	METHOD AND APPARATUS FOR INCREASING TRAFFIC CHANNELS WITHIN AN AMPS/IS-136 CELLULAR SYSTEM	RAMESH, RAJARAM
09001029	6147982	150	12/30/1997	SYSTEM AND METHOD FOR SYNCHRONIZING ACQUISITION FOR A CODE MODULATED COMMUNICATION SYSTEM	RAMESH, RAJARAM
09002563	6115436			NON-BINARY VITERBI DECODER USING BUTTERFLY OPERATIONS	RAMESH, RAJARAM
<u>09005580</u>	6839378	150		METHOD AND APPARATUS FOR MULTIPATH DELAY ESTIMATION IN DIRECT SEQUENCE SPREAD	RAMESH, RAJARAM

				SPECTRUM COMMUNICATION SYSTEMS	
09007936	6084929	150	01/16/1998	METHOD AND APPARATUS FOR CHANNEL TRACKING	RAMESH, RAJARAM
09017829	6226507	150	02/03/1998	APPARATUS AND METHOD FOR SELECTING BETWEEN A PLURALITY OF ANTENNAS UTILIZED BY A MICROCELLULAR COMMUNICATIONS TERMINAL FOR RECEPTION OF A SIGNAL	RAMESH, RAJARAM
09024120	6363105	150	02/17/1998	FLEXIBLE SLIDING CORRELATOR FOR DIRECT SEQUENCE SPREAD SPECTRUM SYSTEMS	RAMESH, RAJARAM
09041115	6275538	150	03/11/1998	TECHNIQUE FOR FINDING A STARTING STATE FOR A CONVOLUTIONAL FEEDBACK ENCODER	RAMESH, RAJARAM
09059045	5943324	150		METHODS AND APPARATUS FOR MOBILE STATION TO MOBILE STATION COMMUNICATIONS IN A MOBILE SATELLITE COMMUNICATION SYSTEM	RAMESH, RAJARAM
09067602	6198775	150	04/28/1998	TRANSMIT DIVERSITY METHOD, SYSTEMS, AND TERMINALS USING SCRAMBLE CODING	RAMESH, RAJARAM
09085528	6212368	150	05/27/1998	`	RAMESH, RAJARAM
09094140	6381290	150	06/09/1998	MOBILE UNIT FOR PILOT SYMBOL ASSISTED WIRELESS SYSTEM AND METHOD OF IMPROVING PERFORMANCE THEREOF	RAMESH, RAJARAM
09096960	6157820	150	06/12/1998	PILOT STRENGTH MEASUREMENT AND MULTIPATH DELAY SEARCHER FOR CDMA RECEIVER	RAMESH, RAJARAM
09098049	6636740	150	I I		RAMESH, RAJARAM

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	Hits	Search Text	DBs
1	0	(375/132, 375/219, 375/220, 375/133, 375/134).ccls. and (control adj freq\$10) and (mobile\$5 and base) and ((assign\$5 and select\$5) adj traffic adj freq\$10) and @ad<"20001024"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
2	0	(control adj freq\$10) and (mobile\$5 and base) and ((assign\$5 and select\$5) adj traffic adj freq\$10) and @ad<"20001024"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
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4	0	(control adj freq\$10) and (mobile\$5 and base) and ((assign\$5 and select\$5) adj (traffic adj freq\$10))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
5	1	(control adj freq\$10) and (mobile\$5 and base) and ((assign\$5 or select\$5) adj (trafficadj freq\$10))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
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		"4723266" "5357559"	
		"5535423" "5546443"	
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7	15	"5615409" "6011787"	USPAT
		"6141566" "6161024"	
		"6167286" "6240290"	
		"6301238").PN.	
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		channel\$5)) and (mobile\$5 and	US-PGPUB;
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8	304	or allocat\$5) adj (traffic adj	DERWENT;
		(freq\$10 or channel\$5))) and	IBM_TDB
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9	26	allocat\$5) and select\$5) adj	DERWENT;
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			US-PGPUB;
10		WE 200 0 4 2 W	USPAT; EPO; JPO;
10	2	"5208812".pn.	DERWENT;
			IBM_TDB
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11	15	"5548807" "5596333"	LICDAT
• •	15	"5615409" "6011787"	USPAT
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		"6301238").PN.	

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12	23	(control adj (freq\$10 or channel\$5)) and (mobile\$5 and base) and ((assign\$5 or select\$5 or allocat\$5) adj (traffic adj (freq\$10 or channel\$5))) and gps and @ad<"20001024"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
13	8	(control adj (freq\$10 or channel\$5)) and (mobile\$5 and base) and ((assign\$5 or select\$5 or allocat\$5) adj (traffic adj (freq\$10 or channel\$5))) and (gps with synchron\$10) and @ad<"20001024"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
14	2	"6353412".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
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		"6430163" "6463055").pn.	

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19	1	"6366622".pn. and (transmi\$10 with hop\$10 with seq\$10)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
20	25	(transmi\$10 with hop\$10 with seq\$10 with (control adj (channel or frequency))) and @ad<"20001024"	US-PGPUB;
21	0	(375/132, 375/219, 375/220, 375/133, 375/134).ccls. and (control adj freq\$10) and (mobile\$5 and base) and ((assign\$5 and select\$5) adj traffic adj freq\$10) and @ad<"20001024"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
22	0	(375/132, 375/219, 375/220, 375/133, 375/134, 370/328, 370/319, 370/344, 370/343, 370/337, 370/347, 455/450, 455/452.1, 455/422.1, 455/12.1, 455/13.1, 455/13.2).ccls. and (control adj freq\$10) and (mobile\$5 and base) and ((assign\$5 and select\$5) adj traffic adj freq\$10) and (idle near2 time near2 slot\$5) and @ad<"20001024"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Hits	Search Text	DBs
		(375/132, 375/219, 375/220,	
		375/133, 375/134, 370/328,	
		370/319, 370/344, 370/343,	US-PGPUB;
23	89	370/337, 370/347, 455/450,	USPAT; EPO; JPO;
23	03	455/452.1, 455/422.1, 455/12.1,	DERWENT;
		455/13.1, 455/13.2).ccls. and (idle	IBM_TDB
!		near2 time near2 slot\$5) and	
		@ad<"20001024"	
		(frequency near2 hop\$7) and (idle	US-PGPUB;
24	26	near2 time near2 slot\$5) and	USPAT; EPO; JPO;
		@ad<"20001024"	DERWENT;
-		euu - 2000 102-7	IBM_TDB
		(375/132, 375/219, 375/220,	
		375/133, 375/134, 370/328,	
		370/319, 370/344, 370/343,	US-PGPUB; USPAT; EPO; JPO
		370/337, 370/347, 455/450,	
25	9	455/452.1, 455/422.1, 455/12.1,	DERWENT;
		455/13.1, 455/13.2).ccls. and	IBM_TDB
		(frequency near2 hop\$7) and (idle	
		near2 time near2 slot\$5) and	
		@ad<"20001024"	
		(375/132, 375/219, 375/220,	
		375/133, 375/134, 370/328,	
		370/319, 370/344, 370/343,	
		370/337, 370/347, 455/450,	US-PGPUB;
26	9	455/452.1, 455/422.1, 455/12.1,	USPAT; EPO; JPO;
			DERWENT;
		control and traffic and (frequency	
		near2 hop\$7) and (idle near2 time	
		near2 slot\$5) and	
		@ad<"20001024"	

	Hits	Search Text	DBs
27	1	(375/132, 375/219, 375/220, 375/133, 375/134, 370/328, 370/319, 370/344, 370/343, 370/337, 370/347, 455/450, 455/452.1, 455/12.1, 455/13.1, 455/13.2).ccls. and (control near2 (channel\$5 or frequenc\$5)) with "same" with (traffic near2 (channel\$5 or frequenc\$5)) and (frequency near2 hop\$7) and (idle near2 time near2 slot\$5) and @ad<"20001024"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
28	1	(375/132, 375/219, 375/220, 375/133, 375/134, 370/328, 370/319, 370/344, 370/343, 370/337, 370/347, 455/450, 455/452.1, 455/12.1, 455/13.1, 455/13.2).ccls. and ((control near2 (frequenc\$5 or channel\$5)) with (communicat\$5 or send\$5) with (traffic near2 (informat\$5 or data))) and (frequency near2 hop\$7) and (idle near2 time near2 slot\$5) and @ad<"20001024"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
29	1	((control near2 (frequenc\$5 or channel\$5)) with (communicat\$5 or send\$5) with (traffic near2 (informat\$5 or data))) and (frequency near2 hop\$7) and (idle near2 time near2 slot\$5) and @ad<"20001024"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
30	2	"6011786".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Hits	Search Text	DBs
		(frequency near2 hop\$7) and	US-PGPUB;
31	o	((idle near2 time near2 slot\$5)	USPAT; EPO; JPO;
J :	٥	with (chang\$5 near2 frequenc\$5))	DERWENT;
		and @ad<"20001024"	IBM_TDB
		((idle near2 time near2 slot\$5)	US-PGPUB;
32	2	with (chang\$5 near2 frequenc\$5))	USPAT; EPO; JPO;
		and @ad<"20001024"	DERWENT;
			IBM_TDB
		((idle near2 time near2 slot\$5)	US-PGPUB;
33	1	near6 (chang\$5 near2	USPAT; EPO; JPO;
		frequenc\$5)) and	DERWENT;
		@ad<"20001024"	IBM_TDB
		((idle near2 time near2 slot\$5)	US-PGPUB;
34	3	same (chang\$5 near2	USPAT; EPO; JPO;
		frequenc\$5)) and	DERWENT;
		@ad<"20001024"	IBM_TDB
		(((idle or null or empty or nothing)	US-PGPUB;
25		near2 time near2 slot\$5) same	USPAT; EPO; JPO;
35	4	(chang\$5 near2 frequenc\$5)) and	DERWENT;
		@ad<"20001024"	IBM_TDB
		(375/132, 375/219, 375/220,	
		375/133, 375/134, 370/328,	
		370/319, 370/344, 370/343,	
		370/337, 370/347, 455/450,	
		455/452.1, 455/422.1, 455/12.1,	US-PGPUB;
		455/13.1, 455/13.2).ccls. and	USPAT; EPO; JPO;
36	1	((control near2 (frequenc\$5 or	DERWENT;
		channel\$5)) with (communicat\$5	IBM TDB
		or send\$5) with (traffic near2	
		(informat\$5 or data))) and	
		(frequency near2 hop\$7) and (idle	
		near2 time near2 slot\$5) and	
		@ad<"20001024"	

	Hits	Search Text	DBs
37	12	(equival\$7 near2 class\$7 near2 frequenc\$7) and @ad<"20001024"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
38	2	((select\$7 or choos\$7 or pick\$7 or choic\$7) near7 equival\$7 near7 class\$7 near7 frequenc\$7) and @ad<"20001024"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
39	34	((select\$7 or choos\$7 or pick\$7 or choic\$7) near7 equival\$7 near7 (class\$7 or typ\$7 or rang\$7) near7 frequenc\$7) and @ad<"20001024"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
40	33	S39 not S37	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
41	643	((select\$7 or choos\$7 or pick\$7 or choic\$7) near7 (equival\$7 or sam\$3 or simil\$7) near7 (class\$7 or typ\$7 or rang\$7 or group\$7) near7 frequenc\$7) and @ad<"20001024"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
42	63	((select\$7 or choos\$7 or pick\$7 or choic\$7) near2 (equival\$7 or sam\$3 or simil\$7) near2 (class\$7 or typ\$7 or rang\$7 or group\$7) near2 frequenc\$7) and @ad<"20001024"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
43	29	((select\$7 or choos\$7 or pick\$7 or choic\$7) near2 (equival\$7 or sam\$3 or simil\$7) near2 (class\$7 or typ\$7 or rang\$7 or group\$7) near2 frequenc\$7) and random\$7 and @ad<"20001024"	DERWENT;

	Hits	Search Text	DBs
44	5940	(select\$7 or choos\$7 or pick\$7 or choic\$7) near2 frequenc\$7 near2 (class\$7 or typ\$7 or rang\$7 or group\$7) and @ad<"20001024"	1
45	912	(select\$7 or choos\$7 or pick\$7 or choic\$7) near2 frequenc\$7 near2 (within or in) near2 (class\$7 or typ\$7 or rang\$7 or group\$7) and @ad<"20001024"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
46	40	(select\$7 or choos\$7 or pick\$7 or choic\$7) near2 frequenc\$7 near2 (within or in) near2 (class\$7 or typ\$7 or rang\$7 or group\$7) and random\$7 and cell\$7 and @ad<"20001024"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
47	2	((select\$7 or choos\$7 or pick\$7 or choic\$7) near2 frequenc\$7 near2 (within or in) near2 (class\$7 or typ\$7 or rang\$7 or group\$7) with random\$7) and cell\$7 and @ad<"20001024"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
48	9	((select\$7 or choos\$7 or pick\$7 or choic\$7) near2 frequenc\$7 near2 (within or in) near2 (class\$7 or typ\$7 or rang\$7 or group\$7) with random\$7) and @ad<"20001024"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Hits	Search Text	DBs
	1	(375/132, 375/219, 375/220,	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
		375/133, 375/134, 370/328,	
		370/319, 370/344, 370/343,	
		370/337, 370/347, 455/450,	
		455/452.1, 455/422.1, 455/12.1,	
		455/13.1, 455/13.2).ccls. and	
49		((control near2 (frequenc\$5 or	
		channel\$5)) with (communicat\$5	
		or send\$5) with (traffic near2	
		(informat\$5 or data))) and	
		(frequency near2 hop\$7) and (idle	
		near2 time near2 slot\$5) and	
		@ad<"20001024"	
	1	(375/132, 375/219, 375/220,	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
		375/133, 375/134, 370/328,	
		370/319, 370/344, 370/343,	
		370/337, 370/347, 455/450,	
		455/452.1, 455/422.1, 455/12.1,	
		455/13.1, 455/13.2).ccls. and	
50		((control near2 (frequenc\$5 or	
		channel\$5)) with (communicat\$5	
		or send\$5) with (traffic near2	
		(informat\$5 or data))) and	
		(frequency near2 hop\$7) and (idle	
		near2 time near2 slot\$5) and	
		@ad<"20001024"	
51	1		US-PGPUB;
		(KUMAR-BALACHANDRAN.in. or	USPAT; EPO; JPO;
		RAJARAM-RAMESH.in.)	DERWENT;
		,	IBM_TDB
	178	(KUMAR-BALACHANDRAN.in. or	US-PGPUB;
		BALACHANDRAN-KUMAR.in. or	USPAT; EPO; JPO;
52		RAJARAM-RAMESH.in. or	DERWENT;
		RAMESH-RAJARAM.in.)	IBM_TDB

	Hits	Search Text	DBs
53	56	(KUMAR-BALACHANDRAN.in. or BALACHANDRAN-KUMAR.in. or RAJARAM-RAMESH.in. or RAMESH-RAJARAM.in.) and slot\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
54	18	(KUMAR-BALACHANDRAN.in. or BALACHANDRAN-KUMAR.in. or RAJARAM-RAMESH.in. or RAMESH-RAJARAM.in.) and ((slot\$7 or frequenc\$7) with (separat\$7 or non\$1contiguous\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB